



## NOAA Restoration Center

### Morro Bay National Estuary Riparian Restoration

#### Project Description

In-stream and bank protection techniques will be used to stabilize and enhance habitat at sites on Los Osos Creek and Chorro Creek. The sites will serve as demonstration projects where a base of community and student volunteers will work together to stabilize 1500 feet of stream channel. The project was funded by both the EPA 5 Star Program and the FishAmerica Foundation.

**Project Nickname** Morro Bay Nat. Est (EPA-00/FAF-00)  
**Location** Morro Bay, Los Osos, San Luis Obispo County, CA, 93412 SWR  
**Program** Community-based Restoration **Congressional District** CA 22  
**Lat, Long Coordinates** -120.667, 35.333 **Land Ownership**  
**Implementation Start Date** 01-JUL-00 **Implementation End Date** 01-JUN-01  
**River Basin** Los Osos Creek, Chorro Creek **HUC** 18060006  
**Geographic Identifier** Morro Bay National Estuary **USGS Topo Quad** Morro Bay South, CA  
**Project Status** Implementation Complete **Project Type** Restoration  
**Project Status Description** implementation complete  
**Landmark**

#### Number of Volunteers

#### Volunteer Hours

#### Volunteer Description

**Proposed Project?** **Project Closed?** Y **FY Completed** 2001

#### Habitat Information

Type	Acres Created	Acres Re-established	Acres Rehabilitated	Acres Enhanced	Acres Protected	Stream Miles	# Plants/ Animals
stream/river channel			1.7				

#### Species Information

Commonname	Genus	Species	Population Name	NMFS Status	Species Type
Trout, steelhead	<i>Oncorhynchus</i>	<i>mykiss</i>	Central California Coast	Threatened	animal

#### Partners

Americorps
California Conservation Corps
San Luis Obispo Conservation District
Steelhead Coalition of the Central Coast
US Fish and Wildlife Service

#### Restoration Techniques

streambank stabilization
in-stream placement of large woody debris/ structure
riparian planting

#### Contacts

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NOAA

#### NOAA Involvement

source of funding

#### Monitoring Information

**Characteristic**  
**Additional Info**

**Type**

***Funding Information***

<b>Funding Mechanism</b>	<b>FY Awarded</b>	<b>NOAA Contribution</b>	<b>Partnership Contribution</b>	<b>Total Partnership Contribution</b>
Fish America Foundation	2000	\$4,900	\$4,900	\$9,800
National Fish and Wildlife Foundation - Five Star	2000	\$7,479	\$7,479	\$14,958
<b>TOTALS</b>		\$12,379	\$12,379	\$24,758

**Other Non-Federal \$**  **Other Federal \$**  **Total Project Cost**

**Funding Recipient** Morro Estuary Greenbelt Alliance

***Funding Comments******Project Abstract***

The NOAA Community-based Restoration Program partnered with the National Fish and Wildlife Foundation - 5 Star Program to fund the Morro Bay National Estuary Steelhead Habitat Restoration Project. The project, awarded to the Morro Estuary Greenbelt Alliance, used in-stream and bank protection techniques to stabilize and enhance habitat at sites on Los Osos Creek and Chorro Creek. This work, completed in the winter of 2001, included installation of rootwad/rock/log structures, willow cuttings, brush mattresses, and riparian plantings. This project will improve bank erosion, degradation and loss of deep pools along 1500 feet of streambank (approximately 1.7 acres) of Los Osos Creek and at sites along a 3400 foot-stretch of Chorro Creek. Both Los Osos and Chorro Creeks support threatened South-Central California Coast Steelhead. These creeks drain into Morro Bay, which is located approximately 150 miles north of Los Angeles.

The work was done with the help of community and student volunteers, and monitoring will be conducted by the Coastal San Luis Resource Conservation District. Furthermore, outreach and education associated with this project will include landowner contact and site tours, educational events with local schools organized through the AmeriCorps Youth Environmental Education Program, and development of habitat restoration brochures. Other partners on this project included California Conservation Corps, Funk River Consultants, and the United States Fish and Wildlife Service.